

**Abstrak**  
**EFEKTIVITAS VIDEO EDUKASI COVID-19 TERHADAP**  
**PENGETAHUAN IBU TENTANG PENCEGAHAN PENULARAN COVID-**  
**19 PADA BALITA DI KELURAHAN PURWANEGARA**

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**Latar Belakang:** Virus Covid-19 dapat ditularkan melalui droplet. Penularan juga dapat terjadi secara tidak langsung, droplet yang menempel di benda sekitar orang terpapar. Pengetahuan ibu dalam menjaga kesehatan anak memberikan pengaruh yang signifikan terhadap sikap dan perilaku anak karena ibu merupakan orang yang terdekat dengan anak di rumah. Edukasi dapat menggunakan media video, karena seseorang dapat mudah memahami dan mengingat dari materi yang diberikan.

**Metode:** Jenis penelitian ini merupakan penelitian kuantitatif dengan rancangan penelitian menggunakan *quasi experimental* dengan jenis *one group pretest-posttest design*. Sampel diambil dengan teknik *probability sampling* dengan *simple random sampling*. Penentuan besar sampel pada penelitian ini menggunakan rumus besar sampel analitik numerik berpasangan. Sampel yang digunakan dalam penelitian ini berjumlah 40 ibu yang memiliki balita di Kelurahan Purwanegara.

**Hasil Penelitian:** Mayoritas usia responden adalah 31 sampai 40 tahun yaitu sebanyak 20 orang. Mayoritas tingkat pendidikan Ibu adalah SMA/Sederajat dengan jumlah 23 orang. Pekerjaan responden terbanyak adalah sebagai rumah tangga sebanyak 32 orang. Pengetahuan baik sebanyak 6 orang, cukup sebanyak 16 orang, dan kurang sebanyak 18 orang. Sedangkan hasil posttest terdapat 24 orang pengetahuan baik, 15 orang berpengetahuan cukup, dan 1 orang berpengetahuan kurang.

**Kesimpulan:** Terdapat perbedaan pengetahuan tentang pencegahan penularan Covid-19 sebelum dan sesudah intervensi dengan menonton video edukasi tentang pencegahan Covid-19.

**Kata Kunci:** Balita, Covid-19, Pengetahuan Ibu

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## Abstract

# THE EFFECTIVENESS OF COVID-19 EDUCATION VIDEOS TOWARD MOTHER'S KNOWLEDGE ABOUT THE PREVENTION OF COVID-19 TRANSMISSION TO CHILDREN IN PURWANEGARA KELURAHAN

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**Background:** The Covid-19 virus can be transmitted through droplets. Transmission can also occur indirectly, droplets attached to objects around people exposed. Mother's knowledge in maintaining children's health has a significant influence on children's attitudes and behavior because mothers are the closest people to children at home. Education can use video media, because someone can easily understand and remember the material given.

**Methods:** This type of research is a quantitative study with a quasi-experimental research design with one group pretest-posttest design. Samples were taken by using probability sampling technique with simple random sampling. Determination of the sample size in this study using a paired numerical analytical sample size formula. The sample used in this study amounted to 40 mothers who have toddlers in Purwanegara Village.

**Research Results:** The majority of respondents are aged 31 to 40 years, which is as many as 20 people. The majority of the mother's education level is SMA/Equivalent with a total of 23 people. Most of the respondents' occupations were as household as many as 32 people. Good knowledge as many as 6 people, enough as many as 16 people, and less as many as 18 people. While the results of the posttest there are 24 people with good knowledge, 15 people with sufficient knowledge, and 1 person with less knowledge.

**Conclusion:** There is a difference in knowledge about preventing the transmission of Covid-19 before and after the intervention by watching educational videos about preventing Covid-19.

**Keywords:** Toddler, Covid-19, Mother's Knowledge

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